

## EYES 19 FOR HANDRAIL RECESSED

### E10R0134-

base number \_\_\_\_\_  
Color \_\_\_\_\_  
Temperature \_\_\_\_\_

1. To build a product code in our configurator select the specify button on the base model # product page
2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

#### GENERAL

Series: Eyes Handrail  
Subseries: Eyes 19 for Handrail  
Brand: Side  
Division: Exterior  
Mounting Type: Recessed  
Mounting Location: Handrail  
Subcategory: Marker

#### PHYSICAL

Shape: Round  
Diameter (mm): 19  
Diameter (in): 3/4  
Depth (mm): 31.25  
Depth (in): 1 1/4  
Light Distribution: Direct  
Weight (kg): 0.02  
Weight (lbs): 0.04  
Installation Requirement: Hand rail/pipe requires min. Ø42.5mm / 1 11/16"  
Screws: No visible screws  
Diffuser: Methacrylate  
Gasket: Silicone rubber  
Fixture Finish: SSS  
Fixture Material: Stainless Steel  
Cut-out Measurements: 16mm / 5/8"

#### ELECTRICAL

Lamp Type: LED (Zhaga Standard)  
Input Wattage (W): 2  
Total Output Wattage (W): 1.45  
Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V Dimming  
Driver Included: No  
Driver Location: Remote  
Driver Type: Constant Current - 120 / 277Vac  
Driver Class: Class 2  
Input Voltage (V): 120 - 277  
Constant Current (MA): 500

#### LED

Number of LEDs: 1  
Color Temperature (°K): 3000 / 4000  
Max. Delivered Lumen (lm): 61.1 / 46.8  
Nominal Lumen (lm): 145 / 155  
CRI: >80 CRI  
Lamp Life (hrs): 50000

#### OPTICAL

Optic°: 60

#### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards  
IP rating: IP65



|           |  |
|-----------|--|
| PROJECT   |  |
| TYPE      |  |
| SPECIFIER |  |
| QUANTITY  |  |
| DATE      |  |

## EYES 17 FOR HANDRAIL RECESSED

### E12R0008-

base number      Color      Reflector  
 Temperature      Options

- To build a product code in our configurator select the specify button on the base model # product page
- To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

#### GENERAL

Series: Eyes Handrail  
 Subseries: Eyes 17 for Handrail  
 Brand: Unonovesette  
 Division: Exterior  
 Mounting Type: Recessed  
 Mounting Location: Handrail  
 Subcategory: Marker

#### PHYSICAL

Shape: Round  
 Diameter (mm): 17  
 Diameter (in): 11/16  
 Depth (mm): 17  
 Depth (in): 11/16  
 Light Distribution: Direct  
 Weight (kg): 0.13  
 Installation Requirement: Fixing springs  
 Diffuser: Extra clear glass 4mm  
 Fixture Finish: PSS  
 Fixture Material: Stainless Steel AISI 316L  
 Cable Details: 200 cm 2x0,5 mm<sup>2</sup>  
 Cut-out Measurements: 15mm / 9/16"

#### ELECTRICAL

Lamp Type: LED  
 Input Wattage (W): 2.33  
 Total Output Wattage (W): 1.05  
 Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V Dimming  
 Driver Included: No  
 Driver Location: Remote  
 Driver Type: Constant Current - Universal  
 Driver Class: Class 2  
 Housing: ENCP4  
 Input Voltage (V): 120 - 277  
 Output Voltage (V): 24  
 Constant Current (MA): 350

#### LED

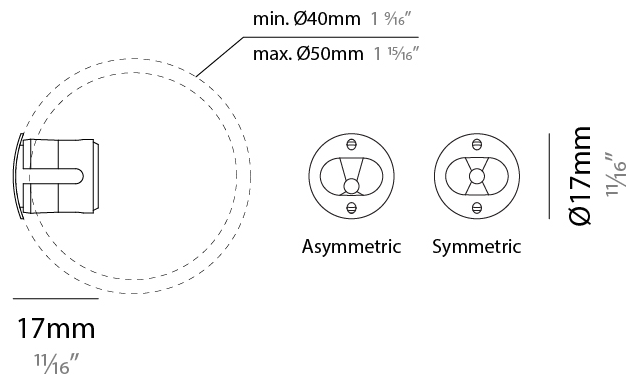
Number of LEDs: 1  
 Color Temperature (°K): 2700 / 3000  
 Max. Delivered Lumen (lm): 124 (3000K)  
 Nominal Lumen (lm): 150 (3000K)  
 CRI: >90 CRI  
 Lamp Life (hrs): 50000

#### OPTICAL

Reflector: Assymetric / Symetric

#### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards  
 IP rating: IP67  
 Marine Grade: Stainless Steel AISI 316L



|           |
|-----------|
| PROJECT   |
| TYPE      |
| SPECIFIER |
| QUANTITY  |
| DATE      |

## EYES 17 FOR HANDRAIL RECESSED

### E12R0014-

base number      Color      Reflector  
 Temperature      Options

- To build a product code in our configurator select the specify button on the base model # product page
- To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

#### GENERAL

Series: Eyes Handrail  
 Subseries: Eyes 17 for Handrail  
 Brand: Unonovesette  
 Division: Exterior  
 Mounting Type: Recessed  
 Mounting Location: Handrail  
 Subcategory: Marker

#### PHYSICAL

Shape: Round  
 Diameter (mm): 17  
 Diameter (in): 11/16  
 Depth (mm): 17  
 Depth (in): 11/16  
 Light Distribution: Direct  
 Weight (kg): 0.13  
 Installation Requirement: Fixing springs  
 Diffuser: Extra clear glass 4mm  
 Fixture Finish: PSS  
 Fixture Material: Stainless Steel AISI 316L  
 Cable Details: 200 cm 2x0,5 mm2  
 Cut-out Measurements: 15mm / 9/16"

#### ELECTRICAL

Lamp Type: LED  
 Input Wattage (W): 2.33  
 Total Output Wattage (W): 1.05  
 Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V Dimming  
 Driver Included: No  
 Driver Location: Remote  
 Driver Type: Constant Current - Universal  
 Driver Class: Class 2  
 Housing: ENCP4  
 Input Voltage (V): 120 - 277  
 Output Voltage (V): 24  
 Constant Current (MA): 350

#### LED

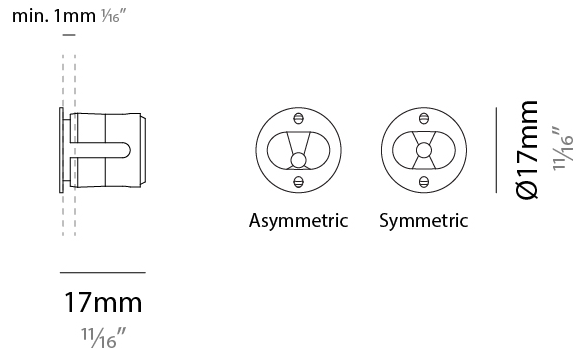
Number of LEDs: 1  
 Color Temperature (°K): 2700 / 3000  
 Max. Delivered Lumen (lm): 124 (3000K)  
 Nominal Lumen (lm): 150 (3000K)  
 CRI: >90 CRI  
 Lamp Life (hrs): 50000

#### OPTICAL

Reflector: Assymetric / Symetric

#### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards  
 IP rating: IP67  
 Marine Grade: Stainless Steel AISI 316L



PROJECT

TYPE

SPECIFIER

QUANTITY

DATE

#### Fixture Finish

**Digital:** Not all screens are calibrated the same, and therefore, colors will appear differently between screens.

**Physical:** When texture is involved, there will be variations in color, character and tone within a product series and between product families.



### LEGEND

|  |   |   |  |   |  |
|--|---|---|--|---|--|
|    | floor-mounted   |    | pivotal  |    | special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+                    |
|    | wall and ceiling: recessed and surface mounted            |    | rotating   |    | warm dim / natural dimming LED   |
|    | ceiling-mounted and wall-mounted                          |    | illuminate tilted  |    | rechargeable battery powered   |
|    | wall-mounted  |    | color of suspension cable                                    |    | fixture with natural vivid LED (upon request)  |
|    | omni-directional light distribution                       |    | length of suspension cable                                   |    | color rendering index  |
|    | direct light distribution                                 |    | reflector degree selection                                   |    | color temperature  |
|    | direct/indirect light distribution                        |    | super spot   |    | lumen (luminous flux)  |
|    | indirect light distribution                               |    | lens   |    | efficacy (lumens per watt)   |
|    | asymmetric light distribution                             |    | lens pack  |    | Unified Glare Rating (UGR) range from 5-40   |
|    | aura light distribution                                   |    | shine ring   |    | marine grade (AISI 316 stainless steel)  |
|    | round wall or ceiling cut-out                             |    | integrated shine ring with diffuser                          |    | walk on  |
|    | square wall or ceiling cut-out                            |    | free individual colors 01-29                                 |    | drive on   |
|    | the supplied jig specifies the cutout dimensions          |    | individual colors: 00 (free of charge), 01-25 (extra charge) |    | Dark Sky Compliance  |
|    | minimum distance (meters) lamp - object                   |    | luminaire part to be colored (F1)                            |    | Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor) |
|    | recessed depth  |    | luminaire part to be colored (F2)                            |    | lamp protected against explosion   |
|   | ceiling thickness in mm                                   |   | luminaire part to be colored (F3)                            |   | blown glass using traditional methods by master glass blower                                   |
|  | ceiling thickness selection                               |  | luminaire part to be colored (F4)                            |  | acoustic material  |
|  | dimnable DP (phase), DV (0-10V), DD (dali), DS (step-dim) |  | luminaire part to be colored (F5)                            |  | protection class I, protection insulation  |
|  | included or excluded LED driver/transformer/control gear  |  | color of 3-circuit adaptor                                   |  | protection class II, protection insulation   |
|  | separately switchable                                     |  | indirect diffuser  |  | ETL Certified to UL and CSA Standards  |
|  | sensor  |  | direct diffuser  |  | UL Certified to UL and CSA Standards   |
|  | remote control  |  | ball-proof (upon request)                                    |  | CSA Certified to UL and CSA Standards  |
|  | available upon request                                    |  | accessory  |  | Certified for North American Standards   |

### IP RATING

|   |  |
|---|--|
|  | protected against ingress of solid bodies greater than 12.5mm (finger)   |
|  | protected against ingress of solid bodies greater than 2.5mm<br>protected against sprays of water up to 60 degrees from the vertical (rain)      |
|  | protected against ingress of solid bodies greater than 1mm (wire)<br>no protection against the ingress of moisture                               |
|  | protected against ingress of solid bodies greater than 1mm (wire)<br>protected against sprays of water up to 60 degrees from the vertical (rain) |
|  | protected against ingress of solid bodies greater than 1mm (wire)<br>protected against water splashed from all directions                        |
|  | protected against limited ingress of dust (wet rooms/covered outdoor areas)<br>protected against water splashed from all directions              |
|  | protected against ingress of dust<br>protected against jets of water   |
|  | protected against ingress of dust<br>protected against powerful jets of water or heavy seas  |
|  | protected against ingress of dust<br>protected against immersion of water between 15cm - 1m for 30 minutes                                       |
|  | protected against ingress of dust<br>protected against immersion of water under pressure for long periods  |

### IK RATING

|   |   |
|---|---|
|  | protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)  |
|  | protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)   |
|  | protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface) |
|  | protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)  |
|  | protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)  |
|  | protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface)    |
|  | protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface)     |
|  | protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)     |
|  | protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)    |
|  | protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)    |